To: Ex. 6 - Personal Privacy @awwa.org]
From: Wisniewski, Patti-Kay
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Subject: feedback on Eastman method

Ex. 6 - Personal Privacy

EPA (Elizabeth Hedrick) feedback on the Eastman method to assist you and other water labs.

The Eastman method is not a quantitative method. They cite difficulty in obtaining pure materials. It is a percent purity method that uses relative areas of target and impurity peaks assuming the same detector response factors. If there is not a better method that everyone could agree to use, water labs would likely perform a multi-point calibration from a stock standard with at least a nominal concentration. The method calls for DMF extraction. DMF (nasty solvent) is not a common solvent for DW labs which could delay ready implementation of the method.

Many fixed water/drinking water labs in Lab Compendium have GC-FID instrumentation and can analyze for VOCs.

The Eastman method is clearly not for monitoring concentrations in water although the GC conditions in the method could be very helpful
It is my understanding that they are able to currently run about 6 samples/hour; do not know if they are running 24 hours.

It is also my understanding that DuPont created a method and the state lab is gearing up to run that. We have asked for this info and can share it with you.

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